

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P70357W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 98/ 00652	International filing date (day/month/year) 03/03/1998	(Earliest) Priority Date (day/month/year) 30/04/1997
Applicant BRADFORD HOSPITALS NHS TRUST et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☒ **Certain claims were found unsearchable** (see Box I).

2. ☐ **Unity of invention is lacking** (see Box II).

3. ☐ The international application contains disclosure of a **nucleotide and/or amino acid sequence listing** and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application.

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the title, ☐ the text is approved as submitted by the applicant

☒ the text has been established by this Authority to read as follows:

OCCCLUSION DEVICE

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is:

Figure No. 1 ☐ as suggested by the applicant.

☐ None of the figures.

☒ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 98/ 00652

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 98/00652

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A61B17/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 382 261 A (PALMAZ) 17 January 1995 see the whole document ---	1-3, 5, 10, 14, 15, 21
X	DE 92 05 797 U (SCHMITZ-RODE ET AL.) 17 June 1992 see the whole document ---	1-3, 5-7, 11-13, 17, 21, 22
X	WO 95 32018 A (TEIRSTEIN) 30 November 1995 see abstract; figures ---	1-3, 19, 21
X	US 4 710 192 A (LIOTTA ET AL.) 1 December 1987 see abstract; figures see column 5, line 23-40 ---	1, 2, 5, 7, 21
-/--		



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

16 June 1998

Date of mailing of the international search report

24/06/1998

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Giménez Burgos, R

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 98/00652

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category ²	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 204 218 A (STÖCKERT INSTRUMENTE GMBH) 10 December 1986 see column 2, line 14-49; figures ---	1-3, 16, 19
A	WO 94 26175 A (VITAPHORE CORPORATION) 24 November 1994 see abstract; figures ---	4, 14
A	US 5 246 445 A (YACHIA ET AL.) 21 September 1993 see abstract; figures see column 2, line 65-68 ---	1
A	DE 41 01 936 A (FISCHER ET AL.) 23 July 1992 see the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 98/00652

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5382261	A	17-01-1995	US 5656036 A	12-08-1997
DE 9205797	U	17-06-1992	NONE	
WO 9532018	A	30-11-1995	US 5499995 A	19-03-1996
			AU 2605495 A	18-12-1995
			CA 2191091 A	30-11-1995
			EP 0788391 A	13-08-1997
			JP 10500873 T	27-01-1998
US 4710192	A	01-12-1987	NONE	
EP 0204218	A	10-12-1986	DE 3519626 A	04-12-1986
			JP 1621967 C	09-10-1991
			JP 2047230 B	18-10-1990
			JP 61279256 A	10-12-1986
WO 9426175	A	24-11-1994	NONE	
US 5246445	A	21-09-1993	IL 94138 A	18-03-1997
			AU 651826 B	04-08-1994
			AU 7799491 A	11-11-1991
			CA 2080905 A	20-10-1991
			DE 69126428 D	10-07-1997
			DE 69126428 T	30-10-1997
			EP 0525110 A	03-02-1993
			EP 0723765 A	31-07-1996
			WO 9116005 A	31-10-1991
DE 4101936	A	23-07-1992	NONE	